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CLASSROOM OBSERVATION SYSTEMS IN PREPARING SCHOOL PERSONNEL: AN ANNOTATED BIBLIOGRAPHY

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Preface

This bibliography is part of a paper on classroom observation systems in preparing school personnel. The compilers, J. T. Sandefur and Alex A. Bressler, have been very active in writing and research on the subject, and the Clearinghouse is pleased that they have contributed their expertise to the ERIC system.

The bibliography is a valuable source of information for those interested in observation systems and should help readers in their continuing efforts to keep abreast of this important topic.

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CLASSROOM OBSERVATION SYSTEMS IN PREPARING SCHOOL PERSONNEL: AN ANNOTATED BIBLIOGRAPHY

Amidon, Edmund J., and Elizabeth Hunter. Improving Teaching: Analyzing Verbal Interaction in the Classroom. New York City: Holt, Rinehart, and Winston, 1966.

The authors describe the Verbal Interaction Category System (VICS).

Anderson, Harold H. "Domination and Socially Integrative Behavior," Child Behavior and Development. (Edited by J. S. Kounin and H. F. Wright.) New York City: McGraw-Hill, 1943.

This study sets forth the pioneering ideas of dominative and integrative behavior in the teacher-child relationship.

---, and J. E. Brewer. "Studies of Teachers' Classroom Personalities, II: Effects of Teachers' Dominative and Integrative Contacts on Children's Classroom Behavior." Psychology Monograph No. 8. 1946.

A further explanation, with case studies, is given of dominative and integrative behavior in the classroom.

Aschner, Mary Jane, James Gallagher, and others. A System for Classifying Thought Processes in the Context of Classroom Verbal Interaction. Urbana: Institute for Research on Exceptional Children, University of Illinois, 1965.

This manual sets forth the cognitively oriented Aschner-Gallagher system of classroom observation, which focuses on the thought processes in the classroom.

Bellack, Arno, editor. Theory and Research in Teaching. New York City: Bureau of Publications, Teachers College, Columbia University, 1963.

This anthology dealing with classroom observation includes a bibliography and nine articles by Flanders, Hughes, Meux, B. O. Smith, Medley and Mitzel, and others.

---, and others. The Language of the Classroom. U. S. Office of Education Cooperative Research Project. New York City: Teachers College, Columbia University, 1966.

The authors analyze the linguistic behavior of the classroom and examine the different ways language is used in the classroom by utilizing a coding system.

Biddle, Bruce J. "Methods and Concepts in Classroom Research." Review of Educational Research 37:3; June 1967.

This article deals with five specific problems of classroom research: coverage, methods of data collection, unit of analysis, conceptual posture, and concepts used.

---, and W. J. Ellena, editor. Contemporary Research on Teacher Effectiveness. New York City: Holt, Rinehart, and Winston, 1964.

With contributions from Ryans, Flanders, B. O. Smith, Meux, and others, this anthology is designed to stimulate interest in teaching excellence.

Cornell, F. G., G. M. Lindvall, and J. L. Saupe. An Exploration Measurement of Individualities of School and Classrooms. Urbana: Bureau of Educational Research, College of Education, University of Illinois, 1952.

This measurement helped lead to the development of the Observation Schedule and Record (OScAR) by Medley and Mitzel.

Flanders, Ned A. "Some Relationships Between Teacher Influence, Pupil Attitudes, and Achievement." Contemporary Research on Teacher Effectiveness. (Edited by B. J. Biddle and W. J. Ellena.) New York City: Holt, Rinehart, and Winston, 1964.

Flanders describes his research program at the University of Minnesota and the implications of his research for evaluating teaching.

---, "Teacher Influence in the Classroom." Theory and Research in Teaching. (Edited by Arno Bellack.) New York City: Bureau of Publications, Teachers College, Columbia University, 1963.

Flanders reviews research on classroom climate and presents a tentative hypothesis of teacher influence.

---, Teacher Influence, Pupil Attitudes, and Achievement. U.S. Office of Education, Department of Health, Education, and Welfare, Cooperative Research Monograph No. 12. Washington, D.C.: Government Printing Office, 1965.

This work is the standard for introducing and explaining Flanders basic system of interaction analysis.

---, and Anita Simon. "Teacher Effectiveness." Encyclopedia of Educational Research. (Edited by Robert L. Ebel.) Fourth edition. (In press)

The authors review research, 1960-66.

Gage, N.L., editor. Handbook of Research on Teaching. New York City: Rand McNally, 1963.

Gage's standard work for research in education is valuable for its history of classroom observation and is an excellent bibliography for early research.

---, and W. R. Unruh. "Theoretical Formulation for Research on Teaching." Review of Educational Research 37: 3; June 1967.

The authors ask the question, "What research is worth doing?" This is a review and analysis of research on teaching since 1962.

Gilstrap, Robert. "The Teacher in Action, A Guide for Student Observers in Elementary School Classroom." Adapted from the Provo Code for the Analysis of Teaching. Provo, Utah: Provo City Schools, 1961.

The teacher training method presented in this guide is used to implement Marie Hughes' work in assessing quality teaching.

Honigman, Frederick K. Multidimensional Analysis of Classroom Interaction (MACI). Villanova, Pa.: The Villanova University Press, 1967.

In this manual, Honigman gives instructions on how to implement MACI in classroom observation.

Hough, John. "An Observational System for the Analysis of Classroom Instruction." Interaction Analysis: Theory, Research and Application. (Edited by Edmund J. Amidon and John B. Hough.) Reading Mass: Addison-Wesley Publishing Co., 1967. ED 029 849. EDRS Price: Not available.

Hough explains his sixteen-category observational system, an extension of the Flanders system.

Hughes, Marie M. Development of the Means for the Assessment of the Quality of Teaching in Elementary Schools. U.S. Office of Education, Department of Health, Education, and Welfare, Cooperative Research Project No. 353. Salt Lake City: University of Utah, 1959.

Hughes' work on teacher assessment is compiled in this paper.

Medley, Donald M., Joseph R. Impellitteri, and Lou H. Smith. "Coding Teachers' Verbal Behavior in the Classroom, A Manual for Users of OScAR 4V." From a report of the Office of Research and Evaluation. New York City: New York Division of Teacher Education, City University of New York, [n.d.].

This Manual instructs the reader in the use of OScAR.

Meux, Milton O. "Studies of Learning in the School Setting." Review of Educational Research 37: 5; December 1967.

In his article Meux emphasizes general developments in classroom observation systems and the goal of explaining classroom learning.

Openshaw, M. Karl, and Frederick R. Cyphert. The Development of a Taxonomy for the Classification of Teacher Classroom Behavior. Ohio State University Research Foundation, Research Project No. 2288. Columbus: the Foundation, 1966. ED 010 167. EDRS Price: MF-$1.00; HC-$11.25.

This synthesis of classroom observation instruments is useful for its summaries of major instruments and its good bibliography.

Ryans, David G. Characteristics of Teachers: Their Description, Comparison and Appraisal. Washington, D.C.: American Council on Education, 1960.

Ryans' basic work sets forth his assessment techniques and his characteristics of teachers.

Sandefur, J. T. An Experimental Study of Professional Education for Secondary Teachers. Final Report. U.S. Office of Education, Department of Health, Education and Welfare, Bureau of Research Project No. 5-0763. Emporia: Kansas State Teachers College Press, July 1967. ED 022 724. EDRS Price: MF-$0.75; HC-$7.60.

Sandefur's basic research project determines the effectiveness of an experimental program for the preparation of secondary school teachers.

---, Teaching Experience as a Modifier of Teaching Behavior. Final Report. U.S. Office of Education, Department of Health, Education and Welfare, Bureau of Research Project No. 8-F-027. Emporia: Kansas State Teachers College Press, September 1969.

Sandefur investigates the extent to which a year of teaching experience changed or modified the teaching behavior of fifty first-year secondary school teachers.

Simon, Anita, and Yvonne Agazarian. Sequential Analysis of Verbal Interaction. Philadelphia: Research for Better Schools, 1967. ED 029 323. EDRS Price: Not available.

This is a generalized multidimensional observation system that can be used by any group to collect data concerning the behavior of teachers.

---, and E. Gil Boyer, editors. Mirrors for Behavior--An Anthology of Classroom Observational Instruments. Philadelphia: Research for Better Schools, and The Center for the Study of Teaching, 1967. ED 029 833. Overview of document. ED 031 613. Abstract of 12 volumes. EDRS Price: Not available.

This anthology includes twenty-six classroom observation systems and an excellent bibliography. Excellent summaries are contained in volume one. The publication is not widely available, but a second edition is in progress.

---, Technical Tools for Teaching. Philadelphia: Research for Better Schools, 1968.

Simon and Boyer review the work in observation systems, especially that of Flanders.

Smith, B. Othanel. "Recent Research on Teaching: An Interpretation." High School Journal 51: 2; November 1967.

A notable participant in research reviews research and thinking on classroom observation.

---, and Milton M. Meux. A Study of the Logic of Teaching. Urbana: Bureau of Educational Research, College of Education, University of Illinois, 1962. ED 015 164. EDRS Price: MF-$0.50; HC-$6.15.

In an effort to determine a logical structure for teaching subject matter, Smith and Meux designed this cognitively oriented observation system.

---, and others. A Study of the Strategies of Teaching. Urbana: Bureau of Educational Research, College of Education, University of Illinois, 1967. ED 029 165. EDRS Price: MF-$1.25; HC-$16.30.

This extension of the Logic of Teaching study focuses on larger maneuvers having to do with control of subject matter.

Smoot, B.R. "The Observation Schedule and Record (OScAR 5V) A Language of Teaching." Texas Journal of Secondary Education 21: 3; Spring 1968.

Smoot's OScAR 5V is the most recent adaptation of Medley and Mitzel's OScAR.

Spaulding, Robert L. Achievement, Creativity, and Self-Concept Correlates of Teacher-Pupil Transactions in Elementary Schools. U.S. Office of Education, Department of Health, Education, and Welfare, Cooperative Research Project No. 1352. Urbana: College of Education, University of Illinois, 1963. ED 024 463. EDRS Price: MF-$1.00; HC-$11.60.

This work led to the development of Coping Analysis Schedule for Educational Settings (CASES) and Spaulding Teacher Activity Rating Schedule (STARS).

---, An Introduction to the Use of the Coping Analysis Schedule for Educational Settings (CASES). Durham, N.C.: Educational Improvement Program, Duke University, 1967. ED 013 160. EDRS Price: Not available.

This affective observation system for use in the classroom deals with student behavior.

---, The Spaulding Teacher Activity Rating Schedule (STARS). Durham, N.C.: Education Improvement Program, Duke University, 1967. ED 013 160. EDRS Price: Not available.

This multidimensional observation system--which is, however, still basically affective--provides a measure for determining a teacher's approach to classroom control.

Strom, Robert D., and Charles Galloway. "Becoming a Better Teacher," Journal of Teacher Education 18:3; Fall 1967.

This general and readable review concerns teacher evaluation and classroom observation analysis.

Withall, John. "The Development of a Technique for the Measurement of Social-Emotional Climate in Classrooms." Journal of Experimental Education Vol. 17. 1949.

Withall defines ideas of dominative and integrative behavior in his pioneering work in classroom observation.

---, and W. W. Lewis. "Social Interaction in the Classroom," Handbook of Research on Teaching. (Edited by N. L. Gage.) New York: Rand McNally, 1963.

This history and review of classroom interaction deals with both affective and cognitive aspects.

Yamamoto, Kaoru. "Analysis of Teaching--Another Look," School Review 39:2; Summer 1967.

Yamamoto presents a general review of what is underway in classroom observations.

This publication was prepared pursuant to a contract with the U.S. Department of Health, Education, and Welfare, Office of Education; Contract number OEC-0-8-080490-3706-(010). Contractors undertaking such projects under Government sponsorship are encouraged to express their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.